

COUNTY NOTICES PURSUANT TO A.R.S. § 49-112

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NOTICE OF PUBLIC INFORMATION

MARICOPA COUNTY

AIR POLLUTION CONTROL REGULATIONS

REGULATION III – CONTROL OF AIR CONTAMINANTS

[M10-311]

1. An explanation of this notice:

In Section 11 of the Notice of Proposed Rulemaking published in the *Arizona Administrative Register*, Volume 16, Issue 30, page 1342 on July 23, 2010, the close of record date was stated as August 16, 2010. Per A.R.S. § 49-112(D)(2), “Provide at least thirty days’ opportunity for comment by the public after publication...” the published close of record date of August 16, 2010, does not allow the required 30 days for public comment.

2. An explanation of the correction:

Section 11 should read “Written oral proceeding requests or written comments or both will be accepted until the record is closed on August 23, 2010, 5:00 p.m. Written oral proceeding requests or written comments or both may be mailed, e-mailed, or hand delivered to the Department (see Item 4 of the Notice of Proposed). An oral proceeding will be scheduled only upon receipt of a written request before the record is closed on August 23, 2010, 5:00 p.m. Written comments received during the comment period and before the record is closed on August 23, 2010, 5:00 p.m. will be considered formal comments to the Notice of Proposed Rulemaking and will be responded to in the Notice of Final Rulemaking.

NOTICE OF PROPOSED RULEMAKING

PURSUANT TO A.R.S. §§49-112 AND 49-471.01 *ET SEQ.*

AND

NOTICE OF ORAL PROCEEDING

PURSUANT TO A.R.S. §49-471.06

PINAL COUNTY

AIR QUALITY CONTROL DISTRICT

[M10-292]

1. Preamble

- A. The District proposes that the Board of Supervisors adopt or amend certain rules under authority of A.R.S. §§49-479 and 49-480, which respectively authorize the board to adopt rules to control air pollution and to adopt a stationary source permit program. Affected rules are identified, and corresponding changes discussed in subsection D. of this preamble, and include the following sections:

Section Affected	Rulemaking Action
§1-2-110	Amend
§2-1-020	Amend
§2-1-070	Amend
§2-3-100	Amend
§2-4-150	Amend
§3-1-030	Amend
§3-1-081	Amend
§3-3-220	Amend
§3-7-585	Amend
§3-7-590	Amend
§3-7-600	Amend
§3-7-620	Amend
§3-8-700	Amend
§4-2-040	Amend
§4-3-070	Amend

§5-8-260.....	Amend
§5-16-670.....	Amend
§5-24-1030.....	Amend
§5-27-1088.....	Amend
§5-28.....	Repeal
§5-30.....	Repeal
§5-33.....	Repeal
§6-1-030.....	Amend
§7-1-030.....	Amend
§7-1-060.....	Amend
§7-2-030.6.3.....	Amend
§Appendix B.....	Amend
§Appendix C.....	Amend
§Appendix E.....	Amend

- B. Those wishing further information regarding any aspect of this proposal may contact Scott DiBiase, Planning Manager, Pinal County Air Quality, 31 North Pinal St., Building F, Florence, Arizona, 520-866-6929. To the extent possible, the District will also post information on the County's website, pinalcountyz.gov, under the "air quality" link.
- C. The rule making process will consist of an initial administrative rule development process, including this notice, a stakeholders meeting, a 30 day public comment period, and an oral proceeding before the Control Officer or his designee. The date and location for the stakeholder and oral proceeding are set forth below. Written comments are due prior to the close of the comment period, which shall be the close-of-business on the day of the oral proceeding. The final step in the rule adoption process will be a hearing before the Board of Supervisors. The Board of Supervisors hearing will be separately scheduled and noticed in accord with A.R.S. §49-479, and, where applicable, the requirements of 40 C.F.R. §51.102.
- D. The proposed revisions include the following:
1. Grammatical corrections and updates (i.e. numbering updates, update references, etc.) performed in the following sections:
 - §1-2-110
 - §2-3-100
 - §2-4-150
 - §3-3-220
 - §3-8-700
 - §4-3-070
 - §5-16-670
 - §7-1-060
 - §7-2-030.6.3
 2. §2-1-020 - Update National Ambient Air Quality Standards (NAAQS) for Particulate Matter.
 3. §2-1-070 – Update National Ambient Air Quality Standards (NAAQS) for lead.
 4. §3-1-030 – Add review and withdrawal to the definition of billable permit action.
 5. §3-1-081 – Update language to incorporate the requirements of 40 CFR Part 64, Compliance Assurance Monitoring, which pertain to major sources and Reasonably Available Control Technology (RACT) requirements for sources locating in nonattainment areas.
 6. §3-7-585 – Addition of ‘to the nearest \$1 for annual fees...’ for annual fee adjustment
 7. §3-7-590 and §3-7-600 – Addition of language where the Control Office may require periodic payment (other than on an annual basis) of permit processing fees.
 8. §3-7-620 – Update annual permit fee language to mirror current fee payment structure
 9. §3-8-700 – Amend language in 3-8-700.C for air curtain destructor to incorporate new requirements of 40 CFR Part 60 Subpart EEEE. Amend language in 3-8-700.D to remove 60 day extension for land clearing temporary opening burning permits. Amend language in §3-8-700.F to include PM₁₀ and PM_{2.5} in the no burn restriction language and also remove an old reference. Amend language in 3-8-700.G to include PM₁₀ and PM_{2.5} in no burn restriction.
 10. §4-2-040 – Add reference to ARS 49-502 in §4-2-040.J.
 11. §5-8-260 – Removal of mass emissions testing exemption since such an exemption has not been used by cotton gins in Pinal County, and has been removed from ADEQ’s rules.
 12. §5-24-1030 – Add language to allow the use of an emissions control device as an alternative to meeting the VOC-content limits for sources that conduct painting of metallic surfaces.
 13. §5-27-1088.A – Remove secondary lead smelter language since there are none in Pinal County.

14. §5-28 – Repeal Coal Preparation Plants since there are none in Pinal County.
15. §5-30 – Repeal Kraft Pulp Mills rule since there are none in Pinal County.
16. §5-33 – Repeal Ammonium Sulfide Manufacturing Plants since there are none in Pinal County.
17. §6-1-030 – Update performance standards for those subparts of 40 C.F.R. Part 60 that were adopted or revised by the Administrator as of July 1, 2008. In addition, removed mention of particular sections in each Subpart since each subpart includes all sections. For the few subparts that exclude sections, the excluded sections are mentioned. Also, added the following subparts since they correspond to existing/planned sources in Pinal County:
 - Subpart EEEE - Other Solid Waste Incineration Units for Which Construction is Commenced After December 9, 2004, or for Which Modification or Reconstruction is commenced on or After June 16, 2006.
 - Subpart FFFF - Other Solid Waste Incineration Units for Which Construction is commenced on or Before December 9, 2004.
 - Subpart IIII – Stationary Compression Ignition Internal Combustion Engines
 - Subpart JJJJ – Stationary Spark Ignition Internal Combustion Engines
 - Subpart KKKK – Stationary Combustion Turbines
18. §7-1-030 - Update performance standards for those subparts of 40 C.F.R. Part 61 and 63, NESHAPS that were adopted or revised by the Administrator as of July 1, 2008. In addition, removed particular mention of sections in each Subpart since each subpart includes all sections. The subparts that exclude sections, it's clearly mentioned. Added the following subparts since they correspond to existing/planned sources in Pinal County:
 - Subpart ZZZZZ – NESHAP for Iron and Steel Foundries Area Sources
 - Subpart BBBBBB – NESHAP for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
 - Subpart CCCCCC - NESHAP for Gasoline Dispensing Facilities
 - Subpart HHHHHH – NESHAP for Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources
 - Subpart OOOOOO – NESHAP for Flexible Polyurethane Foam Production and Fabrication Area Sources
 - Subpart QQQQQQ – NESHAP for Wood Preserving Area Sources
 - Subpart WWWWWW – NESHAP for Area Source Standards for Plating and Polishing Operations
 - Subpart XXXXXX – NESHAP for Area Source Standards for Nine Metal Fabrication and Finishing
 - Subpart ZZZZZZ – NESHAP for Area Source Standards for Aluminum, Copper, and other Nonferrous Foundries
19. §7-2-030.6.3 – Correct the units in the table.
20. Appendix B – Add cost language for public notice and public hearing requirements in fees for permit actions.
21. Appendix C – Add 'no refunds' language to the Earthmoving fees.
22. Appendix E – Add PM2.5 to the list of chemical symbols and abbreviations
- E. A reference to any study relevant to the rule that the agency reviewed and either relied on in its evaluation of or justification for the rule or did not rely on in its evaluation of or justification for the rule, where the public may obtain or review each study, all data underlying each study, and any analysis of each study and other supporting material:

See: 71 FR 61144 (10/17/06) National Ambient Air Quality Standards for Particulate Matter; Final Rule.

See: 73 FR 66964 (11/12/08) National Ambient Air Quality Standards for Lead; Final Rule
- F. Economic, small business and consumer impact statement

Given the "at least as stringent" mandate of A.R.S. §49-479, the District has not attempted to assess any added costs associated with the conforming changes discussed in subsection D above.
- G. In accord with A.R.S. §49-471.07(F), the proposed changes will take effect upon approval by the Board of Supervisors.
- H. Compliance with the Fee-limitations of A.R.S. §49-112 (A) or (B).

Based on information and belief, the Director of the Pinal County Air Quality Control District affirms the following:

Initially, the total of the fees and other charges currently assessed in connection with the administration of the County's air quality program do not now equal the cost of program administration. To the extent that both the County and ADEQ impose parallel fees, the County's fees are capped by rule at ADEQ's rates, which implicitly affirms that the County's fees are reasonable. To the extent the County's program affects certain sources that ADEQ either does not regulate or does not charge, these proposed changes do not impose any additional fees on those sources.

2. The full text of the proposed changes follows:

1-2-110. Adopted document(s)

The following documents are incorporated herein by reference:

1. The Arizona Department of Environmental Quality's "Arizona Testing Manual for Air Pollutant Emissions", amended as of March 1992.

2. All ASTM test methods referenced in this Code are those adopted as of the date specified.
3. All parts of the C.F.R. referenced in this Code, unless otherwise indicated, as amended as of July 1, 2005~~8~~.
4. The U.S. Government Printing Office's "Standard Industrial Classification Manual, 1987".
5. The following test methods and protocols as adopted by the EPA Administrator, but, unless otherwise specifically designated in a particular provision of this Code, as amended as of July 1, 2005~~8~~:
 - a. 40 CFR Part 50, Appendices I, J, K, L, N
 - b. 40 CFR Part 51, Appendix M.
 - c. 40 CFR Part 53, all appendixes.
 - d. 40 CFR Part 58, all appendixes.
 - e. 40 CFR Part 60, all appendixes.
 - f. 40 CFR Part 61, all appendixes.
 - g. 40 CFR Part 63, all appendixes.
 - h. 40 CFR Part 75, all appendixes.
6. All sections of the Arizona Administrative Code expressly incorporated elsewhere in this Code, and unless expressly designated otherwise, as amended as of September 30, 1999~~2008~~;
7. The following appendixes to Arizona Administrative Code, Title 18, Chapter 2, as amended as of September 30, 1999:
 - a. Appendix 9 - Monitoring Requirements.
 - b. Appendix 10 - Evaluation of Air Quality Data.

2-1-020. Particulate matter

- A. The primary ambient air quality standards for particulate matter are:
 - ~~1. 50 micrograms per cubic meter of PM₁₀ annual arithmetic mean concentration.~~
 - ~~2. 150 micrograms per cubic meter of PM₁₀ 24-hour average concentration.~~
 - ~~3. 15 micrograms per cubic meter of PM_{2.5} 3-year average of the weighted annual mean concentration, in accordance with 40 C.F.R. Part 50, Appendix N.~~
 - ~~4. 65 micrograms per cubic meter of PM_{2.5} 3-year average of the 98th percentile of 24-hour concentrations, in accordance with 40 C.F.R. Part 50, Appendix N.~~
- B. The secondary ambient air quality standards for particulate matter are:
 - ~~1. 50 micrograms per cubic meter of PM₁₀ annual arithmetic mean concentration.~~
 - ~~2. 150 micrograms per cubic meter of PM₁₀ 24-hour average concentration.~~
 - ~~3. 15 micrograms per cubic meter of PM_{2.5} 3-year average of the weighted annual mean concentration, in accordance with 40 C.F.R. Part 50, Appendix N.~~
 - ~~4. 65 micrograms per cubic meter of PM_{2.5} 3-year average of the 98th percentile of 24-hour concentrations, in accordance with 40 C.F.R. Part 50, Appendix N.~~
- ~~C. The primary and secondary annual ambient air quality standards for PM₁₀ shall be considered attained when the expected annual arithmetic mean concentration, as determined in accordance with 40 C.F.R. Part 50, Appendix K, is less than or equal to 50 micrograms per cubic meter.~~
- ~~D. C. The primary and secondary 24-hour ambient air quality standards for PM₁₀ shall be considered attained when the expected number of days per calendar year with a 24-hour average concentration above 150 micrograms per cubic meter, as determined in accordance with 40 C.F.R. Part 50, Appendix K, is less than or equal to one.~~

2-1-070. Lead

- A. The primary ambient air quality standard for lead and its compounds, measured as elemental lead, is ~~1.5~~ 0.15 micrograms per cubic meter maximum arithmetic mean ~~averaged concentration over a calendar quarter~~ three-month period.
- B. The secondary ambient air quality standard for lead and its compounds, measured as elemental lead, is ~~1.5~~ 0.15 micrograms per cubic meter maximum arithmetic mean ~~averaged concentration over a calendar quarter~~ three-month period.
- C. The standards are attained when the maximum arithmetic 3-month mean concentration for a 3-year period is less than or equal to 0.15 micrograms per cubic meter.

2-3-100. Interpretation of ambient air quality standards

Unless otherwise specified, interpretation of all ambient air quality standards contained in this chapter shall be in accordance with 40 C.F.R. Part 50 (~~1992~~).

2-4-150. Attainment status in Pinal County

Acting pursuant to the Clean Air Act § 107 (1990), the Administrator has identified all portions of Pinal County as being in compliance with the national ambient air quality standards for carbon monoxide, ozone and nitrogen dioxide as of November 15, 1990. Those portions of the county that have been designated nonattainment for total suspended particulates, sulfur dioxide and PM₁₀ are identified in 40 C.F.R. § 81.303 (~~1992~~).

3-1-030. Definitions

For the purpose of this chapter, the following definitions shall apply:

1. No change

2. No change
3. No change
- 3a. BILLABLE PERMIT ACTION - The review, issuance, ~~or~~ denial or withdrawal of a new permit, significant permit revision, or minor permit revision, or the renewal of an existing permit.
4. No change
5. No change
- 5a. No change
6. No change
7. No change
8. No change
- 8a. No change
9. No change
10. No change
11. No change
12. No change
13. No change
- 13a. No change
- 13b. No change
- 13c. No change
14. No change
15. No change
16. No change
- 16a. No change
17. No change
18. No change
19. No change
20. No change
- 20a. No change
- 20b. No change
21. No change

3-1-081. Permit conditions

- A. Each permit issued shall include the following elements:
 1. No change
 2. No change
 3. Each permit shall contain the following requirements with respect to monitoring:
 - a. Monitoring and analysis procedures or test methods under 40 CFR 64;
 - ~~a.b.~~ All emissions monitoring and analysis procedures or test methods required under the applicable requirements, including any procedures and methods promulgated pursuant to §§114(a)(3) or 504(b) of the Clean Air Act (1990);
 - c. 40 CFR 64 as adopted July 1, 1998, is incorporated by reference and on file with Department. This incorporation by reference contains no future editions or amendments. If more than one monitoring or testing requirement applies, the permit may specify a streamlined set of monitoring or testing provisions if the specified monitoring or testing is adequate to assure compliance at least to the same extent as the monitoring or testing applicable requirements not included in the permit as a result of such streamlining;
 - ~~b.d.~~ Where the applicable requirement does not require periodic testing or instrumental or noninstrumental monitoring (which may consist of recordkeeping designed to serve as monitoring), periodic monitoring sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the permit as reported pursuant to Subdivision A.4. of this section. Such monitoring requirements shall assure use of terms, test methods, units, averaging periods, and other statistical conventions consistent with the applicable requirement. Recordkeeping provisions may be sufficient to meet the requirements of this paragraph; and
 - ee. As necessary, requirements concerning the use, maintenance, and, where appropriate, installation of monitoring equipment or methods.
 4. No change
 5. No change
 6. No change
 7. No change
 8. Provisions stating the following:
 - a. No change
 - b. No change
 - c. No change
 - d. No change
 - e. No change

- f. For any major source operating in a nonattainment area for all pollutants for which the source is classified as a major source, the source shall comply with reasonably available control technology.
- 9. No change
- 10. No change
- 11. No change
- 12. No change
- 13. No change
- 14. No change
- B. No change
- C. No change
- D. No change
- E. No change
- F. No change
- G. No change
- H. No change

3-3-220. Permit and permit revision requirements for sources located in nonattainment areas

- A. Except as provided in Subsections C. through I G. below, no permit or permit revision under this article shall be issued to a person proposing to construct a new major source or make a major modification to a source located in any nonattainment area for the pollutant(s) for which the source is classified as a major source or the modification is classified as a major modification unless:
- B. No change
- C. No change
- D. No change
- E. No change
- F. No change
- G. No change

3-7-585. Annual fee adjustment

- A. No change
- B. In the event that prior to January 1 of any year the Board does not revise the fees or hourly rates set or referenced by this article on the basis of the preceding cost accounting under §3-7-595, then those fees and rates shall be automatically adjusted, to the nearest \$1 for annual fees only, as of that January to reflect the increase, if any, by which the Consumer Price Index for the most recent year exceeds the Consumer Price Index for the previous year. The Consumer Price Index for any year is the average of the Consumer Price Index for all-urban consumers, published by the U.S. Department of Labor, as of the close of the 12 month period ending on August 31 of each year.

3-7-590. Class I permit fees

- A. No change
- B. No change
- C. No change
- D. No change
- E. No change
- F. The Control Officer may require periodic payment of permit processing fees based on the most recent accounting of time spent processing the permit.

3-7-600. Class II permit fees

- A. No change
- B. No change
- C. No change
- D. The Control Officer may require periodic payment of permit processing fees based on the most recent accounting of time spent processing the permit.

3-7-620. Annual permit fee payment

Unless a specific Code section provides otherwise, as in §3-7-578, the following payment conditions apply to sources required to pay permit-related administrative fees under this Code:

1. Before the issuance of an individual permit, the applicant shall pay to the District an initial permit processing fee, and any revision fees associated with the subsequent revision of such permit.
2. For subsequent years, the annual administrative fee, along with any other applicable fees shall be due:
 - a. ~~For total fees that do not exceed \$ 5,000, on the anniversary date of permit issuance;~~
 - b. ~~For total fees that equal or exceed \$ 5,000, in equal parts, with 50% due on the anniversary date of permit issuance, and 50% due 180 days thereafter.~~

3-8-700. General provisions

- A. Applicability
- No change
- B. Definitions.

"Agricultural Burning" means burning of vegetative materials related to the production and harvesting of crops and raising of animals for the purpose of marketing for a profit, or providing a livelihood, but not including the burning of household waste or prohibited materials. Burning may be conducted in fields, piles, ditch banks, fence rows, or canal laterals for purposes such as weed control, disease and pest prevention, or site preparation.

"Air curtain destructor" means an incineration device which operates by forcefully projecting a curtain of air across an open chamber or open pit in which combustion occurs.

"Approved waste burner" means an incinerator constructed of fire resistant material with a top cover or screen, which is closed when in use having opening in the sides or top no greater than one inch in diameter.

"Class I Area" means any one of the Arizona mandatory Federal Class I Areas defined in A.R. S. §49-401. 01.

"Control Officer" has the same meaning as in A.R. S. §49-471.

"Date of Issuance" the actual date that the open burning application is signed by the Control Officer or his/her representative.

"Dangerous material" is any substance or combination of substances that is capable of causing bodily harm or property loss unless neutralized, consumed or otherwise disposed of in a safe and controlled manner.

"Delegated authority" means any of the following:

1. A county, city, town, air pollution control district, or fire district that has been delegated authority to issue open burning permits by the Director under A.R. S. §49-501(~~ED~~); or
2. A private fire protection service provider that has been assigned authority to issue open burning permits by one of the authorities listed in the preceding subsection of this definition.

"De Minimis amount" is the lesser of: the potential of a source to emit 1 ton per year of any air pollutant; or the potential of a source to emit 5. 5 lbs/day of any air pollutant.

"Director" means the Director of the Department of Environmental Quality, or his/her designee.

"Effective date of Permit" is the actual date that open burning operations may commence, which will be no later than 10 days after the "Date of Issuance. "

"Emission reduction techniques" are techniques for controlling emissions from open outdoor fires to minimize the amount of emissions output per unit of area burned.

"Household waste" means any solid waste including garbage, rubbish and sanitary waste from septic tanks that is generated from households including single and multiple family residences, bunkhouses, ranger stations, crew quarters, campgrounds, picnic grounds, and day use recreational areas, not including construction debris, landscaping rubble or demolition debris.

"Open outdoor fire" , as used in this rule, means any combustion of combustible material of any type outdoors, in the open where the products of combustion are not directed through a flue. "Flue", as used in this rule, means any duct or passage for air, gases or the like, such as a stack or chimney. Open outdoor fires can include agricultural, residential, commercial, and prescribed burning. Purposes for fires can include prevention of a fire hazard, instruction in the methods of fighting fires, watershed rehabilitation, disease and pest prevention.

"Prescribed burning" means the burning of vegetative material in predominantly undeveloped land to improve forested, open range or watershed condition.

"Prohibited materials" means nonpaper garbage from the processing, storage, service, or consumption of food; chemically treated wood; tires; explosives or ammunition; oleanders; asphalt shingles; tar paper; plastic and rubber products, including bottles for household chemicals; plastic grocery and retail bags; waste petroleum products; such as waste crankcase oil, transmission oil and oil filters; transformer oils; asbestos; batteries; anti-freeze; aerosol spray cans; electrical wire insulation; thermal insulation; polyester products; hazardous waste products such as paints, pesticides, cleaners, and solvents, stains and varnishes and other flammable liquids; plastic pesticide bags and containers; and hazardous material containers including those that contained lead, cadmium, mercury, or arsenic compounds.

"Residential burning" means open burning of vegetative materials that is generated only from that property and conducted by or for the occupants of residential dwellings, but does not include the burning of household waste or prohibited materials.

C. Permit-authorized fires.

Provided a permit is first obtained from the Control Officer, no prohibited wastes or household wastes are burned unless otherwise specified, and a site map of the burn site is provided, The applicant shall pay all applicable fees as specified in Appendix C for the following fires are allowed under this Section:

1. Permitted residential fires: No change.
2. Permitted commercial fires:
 - a. No change
 - b. No change
 - c. No change
 - d. Commercial Land Clearing Permit:
 1. No change
 2. No change
 3. No change
 4. If the permittee wishes to use an air curtain destructor for land clearing, such device should be operated pursuant to the manufacturer's specifications and the following limitations:
 - (a) Obtain a Title V general permit from ADEQ

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- (ab) Air curtain destructors shall not be operated closer than 500 feet from the nearest dwelling.
- (bc) Air curtain destructors must also comply with the applicable requirements of 40 C.F.R. ~~Section 60.2245 to 60.2260~~ sections 60.2880 to 60.2977 and appendix.

D. Permit conditions.

All permits shall include the following:

1. Contact Information
A means of contacting the permittee.
2. Permit term
The term of the temporary open burning permit, which shall:
 - a. For a residential or commercial permit, not exceed one month from the effective date;
 - b. For an agricultural permit, not exceed one year from the effective date;
 - c. For a demolition permit or a destruction of hazardous materials permit, not exceed sixty (60) days from the effective date;
 - d. Not, regardless of term, authorize any violation of any burning ban that a local fire department/district may impose for purposes of public safety or other purposes.
 - e. For a training exercise permit, not exceed a permit specified 7-day period from the effective date.
 - f. For a commercial land clearing burn permit, not exceed sixty (60) days from the effective date; ~~provided that the permittee may, upon application but without cost, be allowed one sixty (60) day extension of such a land clearing permit.~~
 - g. For a bonfire, not exceed a 3-day period, which dates shall be specified in the permit.
 - h. No person affected by a "no burn" restriction or permit suspension shall be entitled to an extension of the burn permit term.
3. Permits subject to suspension orders.
No change
4. Emission Reduction Techniques
No change
5. Burn Management Provisions
No change

E. Permit Reporting Requirements

No change

F. Permissible delegation of authority

1. The Control Officer may delegate the authority for the issuance of allowable open burning permits to responsible delegated authorities as defined in §3-8-700.B. Anyone delegated the authority for issuance of open burning permits shall maintain a copy of all currently effective permits issued including a means of contacting the person authorized by the permit to set an open fire in the event that an order for extinguishing of open burning is issued. This includes a no burn restriction when monitoring or forecasting indicates the carbon monoxide, PM₁₀ or PM_{2.5} standard is likely to be exceeded in Area A, as defined in A.R.S. 49-541; ~~and Chapter 4, Article 3, 4-3-060.C of the Pinal County Air Quality Control District (PCAQCD) Code of Regulations.~~

G. Open Burn Permit Suspensions

1. No change
2. ~~That "no burn" restriction shall arise by operation of law whenever the Maricopa County Environmental Services or ADEQ declares such a "no burn" restriction in neighboring Maricopa County. In accordance with Pinal County No Burn Ordinance for Area A, "no burn" restrictions and prohibitions for the Pinal County portion of "Area A" as defined at A.R.S. 49-541 shall arise by operation of law for any calendar day or days covered by a High Pollution Advisory declared by the Arizona Department of Environmental Quality for the Phoenix urban area for either carbon monoxide or particulate matter.~~

H. Violations

No change

I. Limited scope of rule.

No change

4-2-040. Standards

- A. No change.
- B. No change.
- C. No change.
- D. No change.
- E. No change.
- F. No change.
- G. No change.
- H. No change.
- I. No change.
- J. No person shall operate a motor vehicle for recreational purposes in a dry wash, riverbed or open area in such a way as to cause or contribute to visible dust emissions which then cross property lines into a residential, recreational,

institutional, educational, retail sales, hotel or business premises. For purposes of this subsection "motor vehicles" shall include, but not be limited to trucks, cars, cycles, bikes, buggies and 3-wheelers. Any person who violates the provisions of this subsection shall be subject to prosecution under A.R.S. §§ 49-502 and 49-513.

K. No change.

4-3-070. Definitions

See Article 3 (General Provisions and Definitions) of this code for definitions of terms that are used but not specifically defined in this rule.

1. No change.
2. No change.
3. No change.
4. No change.
5. No change.
6. No change.
7. No change.
8. No change.
9. "Earthmoving activity" as used in this rule, means any land stripping, earthmoving, blasting, trenching, road construction, grading, landscaping, stockpiling excavated materials, storing excavated materials, loading excavated materials, or any other activity associated with land development where the objective is to disturb the surface of the earth, which shall all constitute "affected activities" if the job site is greater than 0.1 acre. (See ~~4.3.600.A.4~~ 4.3.060.A.4 - General Provisions)
10. No change.
11. No change.
12. No change.
13. No change.
14. No change.
15. No change.
16. No change.
17. No change.
18. No change.
19. No change.
20. No change.
21. No change.
22. No change.
23. No change.
24. No change.
25. No change.
26. No change.
27. No change.
28. No change.
29. No change.
30. No change.
31. No change.
32. No change.
33. No change.
34. No change.
35. No change.
36. No change.
37. No change.
38. No change.
39. No change.
40. No change.

ARTICLE 8. COTTON GINS

5-8-260. Performance standards

- A. No change
- B. No person shall cause, allow or permit to be emitted into the atmosphere, from any type of incinerator, smoke, fumes, gases, particulate matter or other gas-borne material which exceeds 40% opacity.
An opacity of 40% or less shall exempt the source from mass emissions testing. In the event that the cotton gin does not comply with the 40% opacity standard, the owner or operator may request the permission of the Control Officer to perform a mass emissions test observed by a representative of the District. Successful completion of this test will result in an adjustment to the simultaneous opacity standard in accordance with A.A.C. R18-2-702. D.
- C. No change

5-16-670. Performance standards

- A. No change.
B. By ~~[date, 6 months after rule adoption]~~ April 3, 1994, no person shall sell, offer for sale, manufacture or store for sale or for use within Pinal County any emulsified or cutback asphalt product which contains more than 1.5 percent by volume solvent-VOC unless such material lot included a designation of solvent-VOC content on data sheet(s) expressed in percent solvent-VOC by volume.

ARTICLE 24. MISCELLANEOUS AND UNCLASSIFIED SOURCE REQUIREMENTS

5-24-1030. Generally Applicable Minimum Standards of Performance

- A. No change
B. No change
C. No change
D. No change
E. No change
F. No change
G. No change
H. No change
I. No change
J. No change
K. No change
L. No change
M. No change
N. No change
O. As an alternative compliance with the emission limits of subsection (L), the owner or operator may install and operate an emission control system with a combined capture and control efficiency of 90 percent or greater as needed to achieve an equivalent level of control as determined by EPA Test Methods 204 and its sub methods.

ARTICLE 27. IRON AND STEEL PLANTS

5-27-1088. Irons and Steel Plants - Performance Standards

- ~~A.~~ ~~No person shall cause, allow or permit the discharge of particulate matter into the atmosphere in any one hour from any secondary lead smelter in total quantities in excess of the amounts calculated under §5-24-1030.A.1.~~
BA. The opacity of emissions subject to the provisions of this Section shall not exceed 20 percent.
CB. Monitoring of operations under this Section is as follows:
1. The owner or operator of an affected facility shall maintain daily records of the time and duration of each steel production cycle.
2. The owner or operator of any affected facility that uses Venturi scrubber emission control equipment shall install, calibrate, maintain and continuously operate the following monitoring devices:
a. A monitoring device for the continuous measurement of the pressure loss through the Venturi constriction of the control equipment. The monitoring device shall be certified by the manufacturer to be accurate within ± 250 pascals (± 1 inch water).
b. A monitoring device for the continuous measurement of the water supply pressure to the control equipment. The monitoring device is to be certified by the manufacturer to be accurate within ± 5 percent of the design water supply pressure. The pressure sensor or tap shall be located close to the water discharge point.
3. All monitoring devices required in subsection (F)(2) of this Section shall be recalibrated annually and at other times as the Control Officer may require, in accordance with the procedures in AAC Title 18, Chapter 2, Appendix 9.
~~DC.~~ The test methods and procedures required under this Section are as follows:
1. The reference methods set forth in the 40 CFR 60, Appendix A shall be used to determine compliance with the standards prescribed in subsection (A) of this Section as follows:
a. Method 5 for concentration of particulate matter and associated moisture content.
b. Method 1 for sample and velocity traverses.
c. Method 2 for volumetric flow rate.
d. Method 3 for gas analysis.
2. For Method 5, the sampling for each run shall continue for an integral number of cycles with total duration of at least 60 minutes. The sampling rate shall be at least 0.9 dscm/hr (0.53 dscf/min), except that shorter sampling times, when necessitated by process variables or other factors, may be approved by the Control Officer. A cycle shall start at the beginning of either the scrap preheat or the oxygen blow and shall terminate immediately prior to tapping.

ARTICLE 28. COAL PREPARATION PLANTS (Repeal)

5-28-1090. Applicability

~~The provisions of this Article are applicable to any of the following affected facilities in coal preparation plants: thermal dryers, pneumatic coal cleaning equipment, coal processing and conveying equipment including breakers and crushers, coal stor-~~

age systems, and coal transfer and loading systems. For purposes of this Section, the definitions contained in 40 CFR 60.251 are adopted by reference and incorporated herein.

[Adopted February 22, 1995.]

~~5-28-1092. Coal Preparation Plants – Performance Standards~~

- ~~A. No person shall cause, allow or permit the discharge of particulate matter into the atmosphere in any one hour from any coal preparation plant in total quantities in excess of the amounts calculated under §5-24-1030.A.1.~~
- ~~B. Fugitive emissions from coal preparation plants shall be controlled in accordance with Chapter 4 of this Code.~~
- ~~C. The test methods and procedures required by this Section are as follows:
 - ~~1. The reference methods in 40 CFR 60, Appendix A are used to determine compliance with standards prescribed in subsection (B) of this Section as follows:
 - ~~a. Method 5 for the concentration of particulate matter and associated moisture content.~~
 - ~~b. Method 1 for sample and velocity traverses.~~
 - ~~c. Method 2 for velocity and volumetric flow rate.~~
 - ~~d. Method 3 for gas analysis.~~~~
 - ~~2. For Method 5, the sampling time for each run shall be at least 60 minutes and the minimum sample volume is 0.85 dscm (30 dscf), except that short sampling times or smaller volumes, when necessitated by process variables or other factors, may be approved by the Control Officer. Sampling shall not be started until 30 minutes after start-up and shall be terminated before shutdown procedures commence. The owner or operator of the affected facility shall eliminate cyclonic flow during performance tests in a manner acceptable to the Control Officer.~~
 - ~~3. The owner or operator shall construct the facility so that particulate emissions from thermal dryers or pneumatic coal cleaning equipment can be accurately determined by applicable test methods and procedures under paragraph (1) of this subsection.~~~~

ARTICLE 30. KRAFT PULP MILLS (REPEAL)

~~5-30-2010. Applicability~~

The provisions of this Article are applicable to the following affected facilities in kraft pulp mills: digester system, brown stock washer system, multiple effect evaporator system, black liquor oxidation system, recovery furnace, smelt dissolving tank, lime kiln, and condensate stripper system. In pulp mills in which kraft pulping is combined with neutral sulfite semi-chemical pulping, the provisions of this Section are applicable when any portion of the material charged to an affected facility is produced by the kraft pulping operation.

[Adopted February 22, 1995.]

~~5-30-2012. Kraft Pulp Mills – Performance Standards~~

- ~~A. No person shall cause, allow or permit the discharge of particulate matter into the atmosphere in any one hour from any kraft pulp mill in total quantities in excess of the amounts calculated under §5-24-1030.A.1.~~
- ~~B. No person shall cause, allow or permit the discharge of total reduced sulfur measured as hydrogen sulfide (H₂S) in excess of the following amounts:
 - ~~1. From any recovery furnace, any gases which contain H₂S in excess of 20 ppm by volume corrected to eight percent oxygen.~~
 - ~~2. From any lime kiln, any gases which contain H₂S in excess of 40 ppm by volume corrected to ten percent oxygen.~~~~
- ~~C. Any owner or operator subject to the provisions of this Section shall install, calibrate, maintain, and operate the following continuous monitoring systems:
 - ~~1. A continuous monitoring system to monitor and record the opacity of the gases discharged into the atmosphere from any recovery furnace. The span of this system shall be set at 70 percent opacity.~~
 - ~~2. A continuous monitoring system, to monitor and record the concentration of H₂S emissions discharged into the atmosphere from any recovery furnace or lime kiln. The span shall be set at H₂S concentration of 50 ppm.~~
 - ~~3. A continuous monitoring system to monitor and record the percent of oxygen by volume in the gases discharged from any recovery furnace or lime kiln. The continuous monitoring system shall be located downstream of the control device for the recovery furnace or lime kiln, and all measurements shall be made on a dry basis. The span of this system shall be set at 20 percent oxygen.~~
 - ~~4. For any lime kiln or smelter dissolving tank using a scrubber emission control device:
 - ~~a. A monitoring device for the continuous measurement of the pressure loss of the gas stream through the control equipment. The monitoring device shall be certified to the manufacturer to be accurate within a gauge pressure of ± 500 pascals (ca. ± 2 inches of water gauge pressure).~~
 - ~~b. A monitoring device for the continuous measurement of the scrubbing liquid supply pressure to the control equipment. The monitoring device shall be certified by the manufacturer to be accurate within ± 15 percent of design scrubbing liquid supply pressure. The pressure sensor or tap shall be located close to the scrubber liquid discharge point, although the Control Officer may be consulted for approval of alternative locations.~~~~~~
- ~~D. The test methods and procedures required by this Section are as follows:~~

- 1.- ~~Reference methods in 40 CFR 60, Appendix A except as provided under R18-2-312 shall be used to determine compliance with this Section as follows:~~
 - a.- ~~Method 5 for the concentration of particulate matter and the associated moisture content.~~
 - b.- ~~Method 1 for sample and velocity traverses.~~
 - c.- ~~Method 3 for gas analysis.~~
 - d.- ~~Method 9 for visible emissions.~~
 - e.- ~~Method 11 for total reduced sulfur as hydrogen sulfide.~~
- 2.- ~~For Method 5, the sampling time for each run shall be at least 60 minutes and the sampling rate shall be at least 0.85 dsem/hr (0.53 dscf/min), except that shorter sampling times, when necessitated by process variables or other factors, may be approved by the Control Officer. Water shall be used as the cleanup solvent instead of acetone in the sample recovery procedure outlined in Method 5. For determination of compliance with this Section, particulate measurements shall at least be made on the recovery furnace, smelt dissolving tank, and lime kiln. All concentrations of particulate matter from the lime kiln and recovery furnace shall be corrected to ten volume percent oxygen and eight volume percent oxygen, respectively, when the oxygen concentrations exceed these values.~~

ARTICLE 33. AMMONIUM SULFIDE MANUFACTURING PLANTS (Repeal)

~~5-33-2040. Applicability-~~

~~The provisions of this Article are applicable to the following affected facilities in ammonium sulfide manufacturing plants: sulfide unloading facilities, reactor absorbers, bubble cap scrubbers, and fume incinerators.~~

~~[Adopted February 22, 1995.]~~

~~5-33-2042. Ammonium Sulfide Manufacturing Plants—Performance Standards-~~

- A.- ~~No person shall cause, allow or permit to be emitted into the atmosphere, from any type of incinerator or other outlet smoke, fumes, gases, particulate matter or other gas-borne material, the opacity of which exceeds 20 percent.~~
- B.- ~~No person shall cause, allow or permit to be emitted into the atmosphere from any emission point from any incinerator, or to pass a convenient measuring point near such emission point, particulate matter of concentrations in excess of 0.1 grain per cubic foot, based on dry flue gas at standard conditions, corrected to 12 percent carbon dioxide.~~
- C.- ~~No person shall allow hydrogen sulfide to be emitted from any location in such manner and amount that the concentration of such emissions into the ambient air at any occupied place beyond the premises on which the source is located exceeds 0.03 parts per million by volume for any averaging period of 30 minutes or more.~~
- D.- ~~Where a stack, vent or other outlet is at such a level that fumes, gas mist, odor, smoke, vapor or any combination thereof constituting air pollution are discharged to adjoining property, the Control Officer may require the installation of abatement equipment or the alteration of such stack, vent, or other outlet by the owner or operator thereof to a degree that will adequately dilute, reduce or eliminate the discharge of air pollution to adjoining property.~~
- E.- ~~The owner or operator of any ammonium sulfide tailgas incinerator subject to the provisions of this section shall do both of the following:~~
 - 1.- ~~Install, calibrate, maintain, and operate a flow measuring device which can be used to determine either the mass or volume of tailgas charged to the incinerator. The flow measuring device shall have an accuracy of ± five percent over its operating range.~~
 - 2.- ~~Provide access to the tailgas charged so that a well mixed representative grab sample can be obtained.~~
- F.- ~~The test methods and procedures required by this Section are as follows:~~
 - 1.- ~~The reference methods in 40 CFR 60, Appendix A shall be used to determine compliance with the standards prescribed in this Section as follows:~~
 - a.- ~~Method 5 for the concentration of particulate matter and the associated moisture content.~~
 - b.- ~~Method 1 for sample and velocity traverse.~~
 - c.- ~~Method 2 for velocity and volumetric flow rate.~~
 - d.- ~~Method 3 for gas analysis and calculation of excess air, using the integrated sample technique.~~
 - e.- ~~Method 11 shall be used to determine the concentration of H₂S and Method 6 shall be used to determine the concentration of SO₂.~~
 - 2.- ~~For Method 5, the sampling time for each run shall be at least 60 minutes and the minimum sample volume shall be 0.85 dsem (30.0 dscf), except that shorter sampling times and smaller sample volumes, when necessitated by process variables or other factors, may be approved by the Control Officer.~~
 - 3.- ~~Particulate matter emissions, expressed in g/dsem, shall be corrected to 12 percent CO₂ by using the following formula:~~

$$\frac{C_{12} - 12e}{\%CO_2}$$

~~where:~~
~~C₁₂ = the concentration of particulate matter corrected to 12 percent CO₂,~~
~~e = the concentration of particulate matter as measured by Method 5, and~~
~~%CO₂ = the percentage of CO₂ as measured by Method 3, or when applicable, the adjusted outlet CO₂ percentage.~~

- 4- ~~If Method 11 is used, the gases sampled shall be introduced into the sampling train at approximately atmospheric pressure. Where fuel gas lines are operating at pressures substantially above atmosphere, this may be accomplished with a flow control valve. If the line pressure is high enough to operate the sampling train without a vacuum pump, the pump may be eliminated from the sampling train. The sample shall be drawn from a point near the centroid of the fuel gas line. The minimum sampling time shall be 10 minutes and the minimum sampling volume 0.01 dscm (0.35 dscf) for each sample. The arithmetic average of two samples of equal sampling time shall constitute one run. Samples shall be taken at approximately 1-hour intervals. For most fuel gases, sample times exceeding 20 minutes may result in depletion of the collecting solution, although fuel gases containing low concentrations of hydrogen sulfide may necessitate sampling for longer periods of time.~~
- 5- ~~If Method 5 is used, Method 1 shall be used for velocity traverses and Method 2 for determining velocity and volumetric flow rate. The sampling site for determining CO₂ concentration by Method 3 shall be the same as for determining volumetric flow rate by Method 2. The sampling point in the duct for determining SO₂ concentration by Method 3 shall be at the centroid of the cross section if the cross sectional area is less than 5 m² (54 ft²) or at a point no closer to the walls than 1 m (3.28 feet) if the cross sectional area is 5 m² or more and the centroid is more than one meter from the wall. The sample shall be extracted at a rate proportional to the gas velocity at the sampling point. The minimum sampling time shall be 10 minutes and the minimum sampling volume 0.01 dscm (0.36 dscf) for each sample. The arithmetic average of two samples of equal sampling time shall constitute one run. Samples shall be taken at approximately one-hour intervals.~~

6-1-030. Performance standards

The standards of performance established in those subparts of 40 C.F.R. Part 60, adopted or revised as of July 1, 2005~~2008~~, or such other adoption date as specified below, and listed below, including all accompanying appendices, are adopted by reference ~~with the listed exceptions:~~

1. SUBPART A - General Provisions (~~§§60.1—60.19~~)
2. SUBPART D - Fossil Fuel-Fired Steam Generators for which construction is commenced after August 17, 1971 (~~§§60.40—60.46~~)
3. SUBPART Da - Electric Utility Steam Generating Units for which construction is commenced after September 18, 1978 (~~§§60.40a—60.52a~~)
4. SUBPART Db - Utility Industrial, Commercial, Institutional Steam Generating Units (~~§§60.40b—60.49b~~)
5. SUBPART Dc - Small Industrial, Commercial, Institutional Steam Generating Units (~~§§60.40c—60.48c~~)
6. SUBPART E - Incinerators (~~§§60.50—60.54~~)
7. SUBPART Ea - Municipal Waste Combustors for which Construction is Commenced after December 20 1989, and on or before September 20, 1994 (~~§§60.50a—60.59a~~)
8. Subpart Eb - Municipal Waste Combustors for which Construction is Commenced after September 20, 1994 or for which modification or reconstruction is commenced after June 19, 1996 . (~~§§60.50b—60.59b~~)
9. Subpart Ec - Standards of Performance for Hospital/Medical/Infectious Waste Incinerators for which construction commenced after June 20, 1996. (~~§§60.50c—60.58c~~)
10. SUBPART F - Portland Cement Plants (~~§§60.60—60.66~~)
11. SUBPART G - Nitric Acid Plants (~~§§60.70—60.74~~)
12. SUBPART H - Sulfuric Acid Plants (~~§§60.80—60.85~~)
13. SUBPART I - Asphaltic Concrete Plants (~~§§60.90—60.93~~)
14. SUBPART J - Petroleum Refineries (~~§§60.100—60.109~~)
15. SUBPART K - Storage Vessels of Petroleum Liquids for which construction, reconstruction or modification commenced after June 11, 1973 and prior to May 19, 1978 (~~§§60.110—60.113~~)
16. SUBPART Ka - Volatile Organic Liquid Storage Vessels for which construction, reconstruction or modification commenced after May 18, 1978 and prior to July 23, 1984 (~~§§60.110—60.115a~~)
17. SUBPART Kb - Volatile Organic Liquid Storage Vessels for which construction, reconstruction or modification commenced after July 23, 1984 (including petroleum liquid storage vessels) (~~§§60.110b—60.117b~~)
18. SUBPART L - Secondary Lead Smelters (~~§§60.120—60.123~~)
19. SUBPART M - Secondary Brass and Bronze Production Plants (~~§§60.130—60.133~~)
20. SUBPART N - Iron and Steel Plants from Basic Oxygen Process Furnaces (~~§§60.140—60.144~~)
21. SUBPART Na - Iron and Steel Plants - Secondary Emissions from Basic Oxygen Process Furnaces for which construction commenced after January 20, 1983 (~~§§60.140a—60.145a~~)
22. SUBPART O - Sewage Treatment Plants (~~§§60.150—60.156~~)
23. SUBPART P - Primary Copper Smelters (~~§§60.160—60.166~~)
24. SUBPART Q - Primary Zinc Smelters (~~§§60.170—60.176~~)
25. SUBPART R - Primary Lead Smelters (~~§§60.180—60.186~~)
26. SUBPART S - Primary Aluminum Reduction Plants; except 60.195(b) (~~§§60.190—60.195~~)
27. SUBPART T - Phosphate Fertilizer Industry: Wet-Process Phosphoric Acid Plants (~~§§60.200—60.204~~)
28. SUBPART U - Phosphate Fertilizer Industry: Superphosphoric Acid Plants (~~§§60.210—60.214~~)
29. SUBPART V - Phosphate Fertilizer Industry: Diammonium Phosphate Plants (~~§§60.220—60.224~~)
30. SUBPART W - Phosphate Fertilizer Industry: Triple Superphosphate Plants (~~§§60.230—60.234~~)

31. SUBPART X - Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities (~~§§60.240–60.244~~)
32. SUBPART Y - Coal Preparation Plants (~~§§60.250–60.254~~)
33. SUBPART Z - Ferro-Alloy Production Facilities (~~§§60.260–60.266~~)
34. SUBPART AA - Steel Plants: Electric Arc Furnaces constructed after October 21, 1974 and on or before August 17, 1983 (~~§§60.270–60.276~~)
35. SUBPART AAa - Steel Plants: Electric Arc Furnaces and Argon Oxygen Decarburization Vessels constructed after August 17, 1983 (~~§§60.270a–60.276a~~)
36. SUBPART BB - Kraft Pulp Mills (~~§§60.280–60.285~~)
37. SUBPART CC - Glass Manufacturing Plants (~~§§60.290–60.296~~)
38. SUBPART DD - Grain Elevators (~~§§60.300–60.304~~)
39. SUBPART EE - Surface Coating of Metal Furniture (~~§§60.310–60.316~~)
40. SUBPART GG - Stationary Gas Turbines (~~§§60.330–60.335~~)
41. SUBPART HH - Lime Manufacturing Plants (~~§§60.340–60.344~~)
42. SUBPART KK - Lead-Acid Battery Manufacturing Plants (~~§§60.370–60.374~~)
43. SUBPART LL - Metallic Mineral Processing Plants (~~§§60.380–60.386~~)
44. SUBPART MM - Automobile and Light Duty Truck Surface Coating Operations (~~§§60.390–60.398~~)
45. SUBPART NN - Phosphate Rock Plants (~~§§60.400–60.404~~)
46. SUBPART PP - Ammonium Sulfate Manufacture (~~§§60.420–60.424~~)
47. SUBPART QQ - Graphic Arts Industry: Publication Rotogravure Printing (~~§§60.430–60.435~~)
48. SUBPART RR - Pressure Sensitive Tape and Label Surface Coating Operations (~~§§60.440–60.447~~)
49. SUBPART SS - Industrial Surface Coating: Large Appliances (~~§§60.450–60.456~~)
50. SUBPART TT - Metal Coil Surface Coating (~~§§60.460–60.466~~)
51. SUBPART UU - Asphalt Processing and Asphalt Roofing Manufacture (~~§§60.470–60.474~~)
52. SUBPART VV - Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry; ~~except 60.482-1(c)(2) and 60.484~~ (~~§§60.480–60.489~~)
53. SUBPART WW - Beverage Can Surface Coating Industry (~~§§60.490–60.496~~)
54. SUBPART XX - Bulk Gasoline Terminals (~~§§60.500–60.506~~)
55. SUBPART AAA - New Residential Wood Heaters (~~§§60.530–60.539b~~)
56. SUBPART BBB - Rubber Tire Manufacturing Plants (~~§§60.540–60.548~~)
57. SUBPART DDD - Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry (~~§§60.560–60.566~~)
58. SUBPART FFF - Flexible Vinyl and Urethane Coating and Printing (~~§§60.580–60.585~~)
59. SUBPART GGG - Equipment Leaks of VOC in Petroleum Refineries (~~§§60.590–60.593~~)
60. SUBPART HHH - Synthetic Fiber Production Facilities (~~§§60.600–60.604~~)
61. SUBPART III - Volatile Organic Compound Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes (~~§§60.610–60.618~~)
62. SUBPART JJJ - Petroleum Dry Cleaners (~~§§60.620–60.625~~)
63. SUBPART KKK - Equipment Leaks of VOC from Onshore Natural Gas Processing Plants (~~§§60.630–60.636~~)
64. SUBPART LLL - Onshore Natural Gas Processing: SO2 Emissions (~~§§60.640–60.648~~)
65. SUBPART NNN - Volatile Organic Compound Emissions from the Synthetic Organic Chemical Manufacturing Industry Distillation Operations (~~§§60.660–60.668~~)
66. SUBPART OOO - Non-Metallic Mineral Processing Plants (~~§§60.670–60.676~~)
67. SUBPART PPP - Wool Fiberglass Insulation Manufacturing Plants (~~§§60.680–60.685~~)
68. SUBPART QQQ - Petroleum Refinery Wastewater Systems (~~§§60.690–60.699~~)
69. Subpart RRR - Volatile Organic Compound (VOC) Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes (~~58 FR 45962, August 31, 1993.~~) (~~§§60.700–60.708~~)
70. SUBPART SSS - Magnetic Tape Coating Facilities (~~§§60.710–60.718~~)
71. SUBPART TTT - Industrial Surface Coating: Plastic Parts for Business Machines (~~§§60.720–60.726~~)
72. Subpart UUU - Calciners and Dryers in Mineral Industries. (~~§§60.730–60.737~~)
73. Subpart VVV - Polymeric Coating of Supporting Substrates Facilities. (~~§§60.740–60.748~~)
74. Subpart WWW - Municipal Solid Waste Landfills. (~~§§60.750–60.759~~)
75. Subpart AAAA - Standards of Performance for Small Municipal Waste Combustion Units for Which Construction is Commenced After August 30, 1999 or for Which Modification or Reconstruction is Commenced After June 6, 2001 (~~§§60.1000–60.1465~~)
76. Subpart BBBB - Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or Before August 30, 1999 (~~§§60.1500–60.1940~~)
77. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction is Commenced After November 30, 1999 for Which Modification or Reconstruction is Commenced on or After June 1, 2001 (~~§§60.2000–60.2265~~)
78. Subpart DDDD - Emission Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units that Commenced Construction On or Before November 30, 1999 (~~§§60.2500–60.2875~~).
79. Subpart EEEE - Other Solid Waste Incineration Units for Which Construction is Commenced After December 9, 2004, or for Which Modification or Reconstruction is Commenced on or After June 16, 2006.

- 80. Subpart FFFF - Other Solid Waste Incineration Units for Which Construction is Commenced On or Before December 9, 2004.
- 81. Subpart IIII – Stationary Compression Ignition Internal Combustion Engines
- 82. Subpart JJJJ – Stationary Spark Ignition Internal Combustion Engines
- 83. Subpart KKKK – Stationary Combustion Turbines

7-1-030. Performance standards for federally listed hazardous air pollutants

- A. Subject to the specified exceptions, the following Subparts of 40 CFR Part 61 and 63, NESHAPs, along with accompanying appendices, adopted by the Administrator as of July 1, ~~2005~~ 2008, and other than as expressly defined below, no future editions, are hereby adopted by reference:
- 1. SUBPART A - General Provisions (~~§§61.01–61.19~~)
 - 2. SUBPART B - Radon Emissions from Underground Uranium Mines (~~§§61.20–61.26~~)
 - 3. SUBPART C - Beryllium (~~§§61.30–61.34~~)
 - 4. SUBPART D - Beryllium Rocket Motor Firing (~~§§61.40–61.44~~)
 - 5. SUBPART E - Mercury (~~§§61.50–61.56~~)
 - 6. SUBPART F - Vinyl Chloride (~~§§61.60–61.71~~)
 - 7. Reserved - G
 - 8. Reserved - H
 - 9. Reserved - I
 - 10. SUBPART J - Benzene Fugitive Emissions Sources and Equipment Leaks (~~§§61.110–61.112~~)
 - 11. Reserved - K
 - 12. SUBPART L - Benzene Emissions from Coke By-Product Recovery Plants (~~§§61.130–61.139~~)
 - 13. SUBPART M - Asbestos (~~§§61.140–61.157 and Appendix A~~)
 - 14. SUBPART N - Inorganic Arsenic Emissions from Glass Manufacturing Plants (~~§§61.160–61.165~~)
 - 15. SUBPART O - Inorganic Arsenic Emissions from Primary Copper Smelters (~~§§61.170–61.177~~)
 - 16. SUBPART P - Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities (~~§§61.180–61.186~~)
 - 17. Reserved - Q
 - 18. Reserved - R
 - 19. Reserved - S
 - 20. Reserved - T
 - 21. Reserved - U
 - 22. SUBPART V - Volatile Hazardous Air Pollutants: Fugitive Emissions and Equipment Leaks (~~§§61.240–61.247~~)
 - 23. Reserved - W
 - 24. Reserved - X
 - 25. SUBPART Y - Benzene Storage Vessels (~~§§61.270–61.277~~)
 - 26. Reserved - Z
 - 27. Reserved - AA
 - 28. SUBPART BB - Benzene Transfer Operations (~~§§61.300–61.306~~)
 - 29. Reserved - CC
 - 30. Reserved - DD
 - 31. Reserved - EE
 - 32. SUBPART FF - Benzene Waste Operations (~~§§61.340–61.358~~)
- B. The following Subparts of 40 CFR Part 63, NESHAPs for Source Categories, along with accompanying appendices and amendments, finally adopted or revised by the Administrator as of July 1, ~~2005~~ 2008, and other than as expressly defined below, no future editions are adopted by reference:
- 1. Subpart A - General Provisions (~~§§63.1–63.16~~)
 - 2. Subpart B - Requirements for Control Technology Determinations for Major Sources in Accordance with Clean Air Act Sections, Sections 112(g) and 112(j) (~~§§63.40–63.56 and Tables~~)
 - 3. Subpart C - List of Hazardous Air Pollutants, Petition Process, Lesser Quantity Designations, Source Category List (~~§§63.60–63.69~~), ~~includes amendments adopted as of November 29, 2004.~~
 - 4. Subpart D - Regulations Governing Compliance Extensions for Early Reductions of Hazardous Air Pollutants (~~§§63.70–63.81~~)
 - 5. Subpart E - Approval of State Programs and Delegation of Federal Authorities (~~§§63.90–63.99~~)
 - 6. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (~~§§63.100–63.107 and Tables~~)
 - 7. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (~~§§63.110–63.152 and Tables and Figure~~)
 - 8. Subpart H - National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks (~~§§63.160–63.183 and Tables~~)
 - 9. Subpart I - National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks (~~§§63.190–63.193~~)
 - 10. Subpart J - National Emissions Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production (~~§§63.210–63.217~~)

11. Reserved - K
12. Subpart L - National Emission Standards for Coke Oven Batteries (~~§§63.300—63.313 and Appendix~~)
13. Subpart M - National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities (~~§§63.320—63.326~~)
14. Subpart N - Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks (~~§§63.340—63.348 and Table~~)
15. Subpart O - Ethylene Oxide Emissions for Sterilization Facilities (~~§§63.360—63.368~~)
16. Reserved - P
17. Subpart Q - Industrial Process Cooling Towers (~~§§63.400—63.407 and Table~~)
18. Subpart R - Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (~~§§63.420—63.429 and Table~~)
19. Subpart S - Pulp and Paper Industry (~~§§63.440—63.459 and Table~~)
20. Subpart T - Halogenated Solvent Cleaning (~~§§63.460—63.470 and Appendix A & B~~)
21. Subpart U - Group I Polymers and Resins (~~§§63.480—63.507 and Tables~~)
22. Reserved - V
23. Subpart W - Epoxy Resins Production and Non-Nylon Polyamides Production (~~§§63.520—63.529 and Table~~)
24. Subpart X - Secondary Lead Smelting (~~§§63.541—63.551~~)
25. Subpart Y - Marine Tank Vessel Loading Operations (~~§§63.560—63.568~~)
26. Reserved - Z
27. Subpart AA - NESHAP from Phosphoric Acid Manufacturing Plants (~~§§63.600—63.611 and Appendix~~)
28. Subpart BB - NESHAP from Phosphate Fertilizers Production Plants (~~§§63.620—63.632 and Appendix~~)
29. Subpart CC - Petroleum Refineries (~~§§63.640—63.655 and Appendix~~)
30. Subpart DD - Off-site waste and recovery operations (~~§§63.680—63.698 and Tables~~)
31. Subpart EE - Magnetic Tape Manufacturing Operations (~~§§63.701—63.708 and Table~~)
32. Reserved - FF
33. Subpart GG - Aerospace Manufacturing and Rework Facilities (~~§§63.741—63.753, §63.759 and Table 1 and Appendix~~)
34. Subpart HH - NESHAP Oil and Natural Gas Production Facilities (~~§§63.760—63.766, §63.769—63.777 and Appendix~~)
35. Subpart II - Shipbuilding and Ship Repair (Surface Coating) (~~§§63.780—63.789 and Tables and Appendix A and B~~)
36. Subpart JJ - Wood Furniture Manufacturing Operations (~~§§63.800—63.808 and Tables~~)
37. Subpart KK - Printing and Publishing Industry (~~§§63.820—63.831 and Table 1 and Appendix~~)
38. Subpart LL - Primary Aluminum Reduction Plants (~~§§63.840—63.853 and Tables 1-3 and Appendix~~)
39. Subpart MM - NESHAP for Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-alone Semicheical Pulp Mills (~~§§63.860—63.868 and Table~~)
40. Reserved - NN
41. Subpart OO - National emission standards for Tanks - Level 1 (~~§§63.900—63.908~~)
42. Subpart PP - National Emission Standards for Containers (~~§§63.920—63.929~~)
43. Subpart QQ - National Emission Standards for Surface Impoundments (~~§§63.940—63.949~~)
44. Subpart RR - National Emission Standards for Individual Drain Systems (~~§§63.960—63.967~~)
45. Subpart SS - National Emission Standards for Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas system or a Process (~~§§63.980—63.999~~)
46. Subpart TT - National Emission Standards for Equipment Leaks - Control Level 1 (~~§§63.1000—63.1018~~)
47. Subpart UU - National Emission Standards for Equipment Leaks - Control Level 2 (~~§§63.1019—63.1039 and Table~~)
48. Subpart VV - National Emission Standards for Oil-water Separators and Organic-water separators (~~§§63.1040—63.1050~~)
49. Subpart WW - National Emission Standards for Storage Vessels (Tanks) - Control Level 2 (~~§§63.1060—63.1067~~)
50. Subpart XX - National Emission Standards for Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations (~~§§63.1080—63.1097 and Tables~~)
51. Subpart YY - NESHAP for Source Categories: Generic Maximum Achievable Technology Standards (~~§§63.1100—63.1114~~)
52. Reserved - ZZ
53. Reserved - AAA
54. Reserved - BBB
55. Subpart CCC - NESHAP for Steel Pickling - HCL Process Facilities and Hydrochloric Acid Regeneration Plants (~~§§63.1155—63.1166 and Table~~)
56. Subpart DDD - NESHAP for Mineral Wool Production (~~§§63.1175—63.1196 and Table 1 and Appendix~~)
57. Subpart EEE - Hazardous Air Pollutants from Hazardous Waste Combustors (~~§§63.1200—63.1214 and Table 1 and Appendix~~)
58. Reserved - FFF

59. Subpart GGG - National Emission Standards for Pharmaceuticals Production (~~§§63.1250—63.1261 and Tables~~)
60. Subpart HHH - NESHAP from Natural Gas Transmission and Storage Facilities (~~§§63.1270—63.1287 and Appendix~~)
61. Subpart III - NESHAP for Flexible Polyurethane Foam Production (~~§§63.1290—63.1309 and Appendix~~)
62. Subpart JJJ - Group IV Polymers and Resins (~~§§63.1310—63.1336 and Tables~~)
63. Reserved - KKK
64. Subpart LLL - NESHAP for Portland Cement Manufacturing Industry (~~§§63.1340—63.1358 and Table~~)
65. Subpart MMM - NESHAP for Pesticide Active Ingredient Production (~~§§63.1360—63.1369 and Tables~~)
66. Subpart NNN - NESHAP for Wool Fiberglass Manufacturing (~~§§63.1380—63.1388 Appendices and Table~~)
67. Subpart OOO - NESHAP from the Manufacture of Amino/Phenolic Resins (~~§§63.1400—63.1419 and Tables~~)
68. Subpart PPP - NESHAP for Polyether Polyols Production (~~§§63.1420—63.1439 and Tables~~)
69. Subpart QQQ - NESHAP for Primary Copper Smelters (~~§§63.1440—63.1459 and Table and Figure 1~~)
70. Subpart RRR - NESHAP for Secondary Aluminum Production (~~§§63.1500—63.1519 and Tables and Appendix~~)
71. Reserved - SSS
71. Subpart TTT - NESHAP for Primary Lead Smelters (~~§§63.1541—63.1550~~)
72. Subpart UUU - NESHAP for Petroleum Refineries, Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units (~~§§63.1560—63.1579 and Tables~~)
73. Subpart VVV - NESHAP for Publicly Owned Treatment Works (~~§§63.1580—63.1595 and Table~~)
74. Reserved - WWW
75. Subpart XXX - NESHAP for Ferroalloys Production; Ferromanganese and Silicomanganese (~~§§63.1650—63.1661~~)
76. Subpart AAAA - NESHAP for Municipal Solid Waste Landfills (~~§§63.1930—63.1990 and Table~~)
77. Subpart CCCC - NESHAP for Manufacture of Nutritional Yeast (~~§§63.2130—63.2192 and Tables~~)
78. Subpart DDDD - NESHAP for Plywood and Composite Wood Products (~~§§63.2230—63.2292 and Tables and Appendices~~)
79. Subpart EEEE - NESHAP for Organic Liquids Distribution (Non-Gasoline) (~~§§63.2330—63.2406 and Tables~~)
80. Subpart FFFF - NESHAP for Miscellaneous Organic Chemical Manufacturing (~~§§63.2430—63.2550 and Tables~~)
81. Subpart GGGG - NESHAP for Solvent Extraction for Vegetable Oil Production (~~§§63.2830—63.2872~~)
82. Subpart HHHH - NESHAP for Wet-Formed Fiberglass Mat Production (~~§§63.2980—63.3004 and Tables and Appendix A and B~~)
83. Subpart IIII - NESHAP for Surface Coating of Automobiles and Light-Duty Trucks (~~§§63.3080—63.3176 and Tables and Appendix~~)
84. Subpart JJJJ - NESHAP for Paper and Other Web Coating (~~§§63.3280—63.3420 and Tables~~)
85. Subpart KKKK - NESHAP for Surface Coating of Metal Cans (~~§§63.3480—63.3561 and Tables~~)
86. Subpart MMMM - NESHAP for Surface Coating of Miscellaneous Metal Parts and Products (~~§§63.3880—63.3981 and Tables and Appendix~~)
87. Subpart NNNN - NESHAP for Surface Coating of Large Appliances (~~§§63.4080—63.4181 and Tables~~)
88. Subpart OOOO - NESHAP for Printing, Coating, and Dyeing of Fabrics and Other Textiles (~~§§63.4280—63.4371 and Tables~~)
89. Subpart PPPP - NESHAP for Surface Coating of Plastic Parts and Products (~~§§63.4480—63.4581 and Tables and Appendix~~)
90. Subpart QQQQ - NESHAP for Surface Coating of Wood Building Products (~~§§63.4680—63.4781 and Tables~~)
91. Subpart RRRR - NESHAP for Surface Coating of Metal Furniture (~~§§63.4880—63.4981 and Tables~~)
92. Subpart SSSS - NESHAP for Surface Coating of Metal Coil (~~§§63.5080—63.5200 and Tables~~)
93. Subpart TTTT - NESHAP for Leather Finishing Operations (~~§§63.5280—63.5460 and Figure 1 and Tables~~)
94. Subpart UUUU - NESHAP for Cellulose Products Manufacturing (~~§§63.5480—63.5610 and Tables~~)
95. Subpart VVVV - NESHAP for Boat Manufacturing (~~§§63.5680—63.5779 and Tables~~)
96. Subpart WWWW - NESHAP for Reinforced Plastic Composites Production (~~§§63.5780—63.5935 and Tables and Appendix~~)
97. Subpart XXXX - NESHAP for Rubber Tire Manufacturing (~~§§63.5980—63.6015 and Tables~~)
98. Subpart YYYYY - NESHAP for Stationary Combustion Turbines (~~§§63.6080—63.6175 and Tables~~)
99. Subpart ZZZZ - NESHAP for Stationary Reciprocating Internal Combustion Engines (~~§§63.6580—63.6675 and Tables~~)
100. Subpart AAAAA - NESHAP for Lime Manufacturing Plants (~~§§63.7080—63.7143 and Tables~~)
101. Subpart BBBBB - NESHAP for Semiconductor Manufacturing (~~§§63.7180—63.7195 and Tables~~)
102. Subpart CCCCC - NESHAP for Coke Ovens: Pushing, Quenching, and Battery Stacks (~~§§63.7280—63.7352 and Table~~)
103. Subpart DDDDD - NESHAP for Industrial, Commercial, and Institutional Boilers and Process Heaters (~~§§63.7480—63.7575 and Tables and Appendix~~)

County Notices Pursuant to A.R.S. § 49-112

- 104. Subpart EEEEE - NESHAP for Iron and Steel Foundries (~~§§63.7680 – 63.7765 and Table~~)
- 105. Subpart FFFFF - NESHAP for Integrated Iron and Steel Manufacturing Facilities (~~§§63.7780 – 63.7852 and Tables~~)
- 106. Subpart GGGGG - NESHAP for Site Remediation (~~§§63.7880 – 63.7957 and Tables~~)
- 107. Subpart HHHHH - NESHAP for Miscellaneous Coating Manufacturing (~~§§63.7980 – 63.8105 and Tables~~)
- 108. Subpart IIIII - NESHAP for Mercury Emissions From Mercury Cell Chlor-Alkali Plants (~~§§63.8180 – 63.8266 and Tables~~)
- 109. Subpart JJJJJ - NESHAP for Brick and Structural Clay Products Manufacturing (~~§§63.8380 – 63.8515 and Tables~~)
- 110. Subpart KKKKK - NESHAP for Clay Ceramics Manufacturing (~~§§63.8530 – 63.8665 and Tables~~)
- 111. Subpart LLLLL - NESHAP for Asphalt Processing and Asphalt Roofing Manufacturing (~~§§63.8680 – 63.8698 and Tables~~)
- 112. Subpart MMMMM - NESHAP for Flexible Polyurethane Foam Fabrication Operations (~~§§63.8780 – 63.8830 and Tables~~)
- 113. Subpart NNNNN - NESHAP for Hydrochloric Acid Production (~~§§63.8980 – 63.9075 and Tables~~)
- 114. Reserved - Subpart OOOOO
- 115. Subpart PPPPP - NESHAP for Engine Test Cells/Stands (~~§§63.9280 – 63.9375 and Tables~~)
- 116. Subpart QQQQQ - NESHAP for Friction Materials Manufacturing Facilities (~~§§63.9480 – 63.9570 and Table~~)
- 117. Subpart RRRRR - NESHAP for Taconite Iron Ore Processing (~~§§63.9580 – 63.9652 and Tables~~)
- 118. Subpart SSSSS - NESHAP for Refractory Products Manufacturing (~~§§63.9780 – 63.9824 and Tables~~)
- 119. Subpart TTTTT - NESHAP for Primary Magnesium Refining (~~§§63.9880 – 63.9942 and Tables and Appendices~~)
- 120. Subpart ZZZZZ – NESHAP for Iron and Steel Foundries Area Sources
- 121. Subpart BBBBBB – NESHAP for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
- 122. Subpart CCCCCC – NESHAP for Gasoline Dispensing Facilities
- 123. Subpart HHHHHH – NESHAP for Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources
- 124. Subpart OOOOOO – NESHAP for Flexible Polyurethane Foam Production and Fabrication Area Sources
- 125. Subpart QOOQQQ – NESHAP for Wood Preserving Area Sources
- 126. Subpart WWWWWW – NESHAP for Area Source Standards for Plating and Polishing Operations
- 127. Subpart XXXXXX – NESHAP for Area Source Standards for Nine Metal Fabrication and Finishing
- 128. Subpart ZZZZZZ – NESHAP for Area Source Standards for Aluminum, Copper, and other Nonferrous Foundries

7-1-060. Asbestos NESHAP Program Administration and Administration Funding

- A. No change
- B. For the purpose of defraying the costs of any sampling, testing and analysis that may be required as a result of the District's inspection of any demolition or renovation project subject to the asbestos NESHAP, §7-1-030.A.813, the owner or contractor conducting such project shall either:
 - 1. Have performed such post-inspection sampling and testing and confirming analysis as may be reasonably required by the District to verify the absence, quantity or character of asbestos on the site as may be required to reasonably support any assertions made in the notification under the NESHAP;
 - 2. Reimburse the District for the reasonable costs of having the District perform, or cause to be performed, such sampling, testing and confirming analyses as may be required to verify the presence, absence, quantity or character of asbestos at the site, or to determine applicability of the asbestos NESHAP. Reimbursement assessable under this subparagraph shall not exceed \$500, unless authorized in advance by the owner/contractor.

7-2-030.6.3

Table 3 – Acute and Chronic Ambient Air Concentrations

Chemical	Acute Ambient Air Concentrations (ug/m³ mg/m³)	Chronic Ambient Air Concentrations (ug/m³ mg/m³)
1,1,1-Trichloroethane (Methyl Chloroform)	2,075	2.30E+00
1,1,2,2-Tetrachloroethane	18	3.27E-05
1,3-Butadiene	7,514	6.32E-05
1,4-Dichlorobenzene	300	3.06E-04
2,2,4-Trimethylpentane	900	N/A
2,4-Dinitrotoluene	5.0	2.13E-05
2-Chloroacetophenone	N/A	3.13E-05
Acetaldehyde	306	8.62E-04
Acetophenone	25	3.65E-01
Acrolein	0.23	2.09E-05
Acrylonitrile	38	2.79E-05

County Notices Pursuant to A.R.S. § 49-112

Antimony Compounds (Selected Compound: Antimony)	13	1.46E-03
Arsenic Compounds (Selected Compound: Arsenic)	2.5	4.41E-07
Benzene	1,276	2.43E-04
Benzyl Chloride	26	3.96E-05
Beryllium Compounds (Selected Compound: Beryllium)	0.013	7.90E-07
Biphenyl	38	1.83E-01
bis (2-Ethylhexy) Phthalate	13	4.80E-04
Bromoform	7.5	1.72E-03
Cadmium Compounds (Selected Compound: Cadmium)	0.25	1.05E-06
Carbon Disulfide	311	7.30E-01
Carbon Tetrachloride	201	1.26E-04
Carbonyl Sulfide	30	N/A
Chlorobenzene	1,000	1.04E+00
Chloroform	195	3.58E-04
Chromium Compounds (Selected Compound: Hexavalent Chromium)	0.10	1.58E-07
Cobalt Compounds (Selected Compound: Cobalt)	10	6.86E-07
Cumene	935	4.17E-01
Cyanide Compounds (Selected Compound: Hydrogen Cyanide)	3.9	3.13E-03
Dibenzofurans	25	7.30E-03
Dichloromethane (Methylene Chloride)	347	4.03E-03
Dimethyl Formamide	164	3.13E-02
Dimethyl Sulfate	0.31	N/A
Ethyl Benzene	250	1.04E+00
Ethyl Chloride (Chloroethane)	1,250	1.04E+01
Ethylene Dibromide (Dibromoethane)	100	3.16E-06
Ethylene Dichloride (1,2-Dichloroethane)	405	7.29E-05
Ethylene Glycol	50	4.17E-01
Ethylidene Dichloride (1,1-Dichloroethane)	6,250	5.21E-01
Formaldehyde	17	1.46E-04
Glycol Ethers (Selected Compound: Diethylene Glycol, Monoethyl Ether)	250	3.14E-03
Hexachlorobenzene	0.50	4.12E-06
Hexane	11,649	2.21E+00
Hydrochloric Acid	16	2.09E-02
Hydrogen Fluoride (Hydrofluoric Acid)	9.8	1.46E-02
Isophorone	13	2.09E+00
Manganese Compounds (Selected Compound: Manganese)	2.5	5.21E-05
Mercury Compounds (Selected Compound: Elemental Mercury)	1.0	3.13E-04
Methanol	943	4.17E+00
Methyl Bromide	261	5.21E-03
Methyl Chloride	1,180	9.39E-02
Methyl Hydrazine	0.43	3.96E-07
Methyl Isobutyl Ketone (Hexone)	500	3.13E+00
Methyl Methacrylate	311	7.30E-01
Methyl Tert-Butyl Ether	1,444	7.40E-03
N, N-Dimethylaniline	25	7.30E-03
Naphthalene	75	5.58E-05
Nickel Compounds (Selected Compound: Nickel Refinery Dust)	5.0	7.90E-06
Phenol	58	2.09E-01
Polychlorinated Biphenyls (Selected Compound: Aroclor 1254)	2.5	1.90E-05
Polycyclic Organic Matter (Selected Compound: Benzo(a)pyrene)	5.0	2.02E-06
Propionaldehyde	403	8.62E-04
Propylene Dichloride	250	4.17E-03

County Notices Pursuant to A.R.S. § 49-112

Selenium Compounds (Selected Compound: Selenium)	0.50	1.83E-02
Styrene	554	1.04E+00
Tetrachloroethylene (Perchloroethylene)	814	3.20E-04
Toluene	1,923	5.21E+00
Trichlorethylene	1,450	1.68E-05
Vinyl Acetate	387	2.09E-01
Vinyl Chloride	2,099	2.15E-04
Vinylidene Chloride (1,2-Dichloroethylene)	38	2.09E-01
Xylene (Mixed Isomers)	1,736	1.04E-01

APPENDIX B. FEES RELATED TO INDIVIDUAL PERMITS

- A. No change
- B. Fees for Permit Actions. The owner or operator of a Class I Title V Source, Class II Title V Source, or Class II Non-Title V source shall pay to the Control Officer \$66 per hour, adjusted annually under §3-7-585, for all permit processing time required for a billable permit action (does not include permit transfers). The owner or operator of a Class I Title V Source shall pay to the Control Officer the actual costs incurred by the Control Officer to meet the public participation requirements of §3-1-107; including costs incurred by the Control Officer to publish public notice of a public hearing and/or draft permit, to hire a hearing officer, to hire transcription or court reporting services, and to rent meeting room space. Upon completion of permit processing activities but before the issuance or denial of the permit or permit revision, the Control Officer shall send notice of the decision to the applicant along with a final bill. The maximum fee for a billable permit action for a qualifying general source seeking a Class II permit shall be \$500.00. The maximum fee for any other billable permit action for a non-title V source is \$25, 000. Except as provided in §3-1-080, the Control Officer shall not issue a permit or permit revision until the final bill is paid.
- C. No change
- D. No change
- E. No change
- F. No change
- G. No change

APPENDIX C. CONTROLLED OPEN BURNING AND EARTHMOVING FEE SCHEDULE

Category	Fee
RESIDENTIAL	
A. One time, 3 day permit	\$2.00
B. 1 month small scale permit (10 cubic yards or less)	\$5.00
C. 1 month large scale permit (more than 10 but less than 20 cubic yards).....	\$10.00
COMMERCIAL	
A. One time, 3 day permit	\$5.00
B. 1 month small scale permit (10 cubic yards or less)	\$20.00
C. 1 month large scale permit (more than 10 but less than 20 cubic yards)	\$35.00
D. Land-Clearing Operations - Non-Refundable Application Fee	\$250.00
E. Land-Clearing Operations - Additional Permit-Issue Fee (if permit is approved)	\$1.00 per acre
BONFIRES FOR COMMUNITY OR CIVIC EVENTS	
One Time, 3 Day Permit and less than 20 cubic yards	NO FEE
AGRICULTURAL (1 year permit)	
A. Farms less than 320 contiguous acres	\$50.00
B. Farms of 320 or more contiguous acres	\$100.00
C. Maximum annual single-permit fee for all acreage under control of one legal entity, regardless of contiguity or acreage	\$200.00
BUILDING DEMOLITION/BUILDING MATERIAL DEMOLITION BY FIRE	
A. Non-refundable pre-permit inspection fee	\$50.00
B. Additional permit-issue fee (if permit is approved).....	\$200.00
DESTRUCTION OF HAZARDOUS MATERIAL	
A. Non-refundable pre-permit inspection fee	\$50.00
B. Additional permit-issue fee (if permit is approved).....	\$200.00

EARTHMOVING

No refunds will be issued for earthmoving permits. Credit may be issued on a case by case basis (within 60 days of permit being issued)

Category	Fee
A. Land stripping and/or earthmoving (0.1 to less than five acres)	\$75.00*
Land stripping and/or earthmoving (five to less than 10 acres)	\$200.00*
Land stripping and/or earthmoving (10 acres to less than 20 acres)	\$400.00*
Land stripping and/or earthmoving (20 acres to less than 30 acres)	\$600.00*
Land stripping and/or earthmoving (30 acres to less than 40 acres)	\$800.00*
Land stripping and/or earthmoving (40 acres to less than 50 acres)	\$1000.00*
Land stripping and/or earthmoving (50 acres to less than 60 acres)	\$1200.00*
Land stripping and/or earthmoving (60 acres to less than 70 acres)	\$1400.00*
Land stripping and/or earthmoving (70 acres to less than 80 acres)	\$1600.00*
Land stripping and/or earthmoving (80 acres to less than 100 acres)	\$1800.00*
Land stripping and/or earthmoving (100+ acres)	\$2000.00*
**If a registrant qualifies under the land stripping and/or earthmoving category, no other category applies.	
B. Trenching	
363 linear feet to 500 linear feet of aggregate trenching	\$50.00*
501 linear feet to 1000 linear feet of aggregate trenching	\$100.00*
1,001 to 2,640 linear feet (0.5 mile)	\$150.00*
2,641 linear feet to 5,280 linear feet (1.0 mile)	\$500.00*
5,281 linear feet to 10,560 linear feet (2.0 miles)	\$1,000.00*
10,561 linear feet to 21,120 linear feet (4.0 miles)	\$1,500.00*
21,121+ linear feet (greater than 4 miles)	\$2,000.00*
C. Stockpiling greater than 10 cubic yards but less than 100 cubic yards	\$50.00*
100 cubic yards to 500 cubic yards	\$100.00*
501+ cubic yards	\$150.00*
D. Annual Block Registration (Utilities & Routine Operations)	\$2000.00*
* Late filing fee: Failure to Obtain a Dust Registration prior to construction activity at the site:	
a. For projects less than 5 acres	\$25.00;
b. For projects of 5 acres or larger	\$100.00.

APPENDIX E. CHEMICAL SYMBOLS AND ABBREVIATIONS

Chemical symbols and abbreviations appearing in this Code shall have the following meanings:

Symbol or Abbreviation	Meaning
CO	carbon monoxide
CO ₂	carbon dioxide
Hg	mercury
H ₂ S	hydrogen sulfide
NO ₂	nitrogen dioxide
NO _x	oxides of nitrogen
O ₂	oxygen
O ₃	ozone
Pb	lead
S	sulfur
SO	sulfur dioxide
TSP	total suspended particulate matter
PM ₁₀	particulate matter 10 m or less in diameter
PM _{2.5}	<u>particulate matter 2.5 m or less in diameter</u>
PTFE	polytetrafluoroethylene

3. Where persons may obtain a full copy of the proposed rule or existing rules:

Name:	Pinal County Air Quality Control District	
Address:	P.O. Box 987 Florence, Arizona 85232	31 North Pinal St., Building F Florence, Arizona
Telephone:	520-866-6929	

Fax: 520-866-6967

Note - the District has the proposed revisions, as well as supporting materials, available in hard-copy or on disk, and will endeavor to post these materials on the county's website.

4. Date, time, and location of scheduled public workshops and hearings:

A. Stakeholders Meeting

Date: September 22, 2010

Time: 1:00 p.m.

Location: Ocotillo room, Pinal County Development Services Building F,
31 North Pinal Street, Florence, Arizona

Nature of meeting: The Control Officer will meet informally with any interested party for the purpose of discussing the proposed rules.

B. Oral Proceeding

Date: October 7, 2010

Time: 9:00 a.m.

Location: Emergency Operations Center (EOC) Hearing Room,
Development Services Building F, 31 North Pinal Street,
Florence, Arizona

Nature of meeting: Oral proceeding before the Control Officer or his designee, in accord with A.R.S. §49-471.06(C) to consider public comments upon any or all of this proposal.

NOTICE OF RULEMAKING DOCKET OPENING

(REF. A.R.S. §41-1021)

**PINAL COUNTY
AIR QUALITY CONTROL DISTRICT**

[M10-291]

1. Subject Matter of the Proposed Rule

The proposed revisions to local air quality rules involve amending a number of sections in the rules including but not limited to:

§1-2-110, §2-1-020, §2-1-070, §2-3-100, §2-4-150, §3-1-030, §3-1-081, §3-3-220, §3-7-585, §3-7-590
§3-7-600, §3-7-620, §3-8-700, §4-2-040, §4-3-070, §5-8-260, §5-16-670, §5-24-1030, §5-27-1088,
§5-28, §5-30, §5-33, §6-1-030, §7-1-030, §7-1-060, §7-2-030.6.3, Appendix B, Appendix C, Appendix E

Also as part of this rulemaking, Pinal County may add, delete or modify additional rules as necessary.

2. Prior Related Notices

None

3. Contact Information

Those wishing further information regarding any aspect of this proposal may contact Scott DiBiase, Planning Manager, Pinal County Air Quality, 31 North Pinal St., Building F, Florence, Arizona, 520-866-6929. To the extent possible, the District will also post information on the County's website, www.pinalcountyaz.gov, under the "air quality" link.

4. Opportunity for Written or Oral Comments

The District will publish a Notice of Proposed Rule Making that will define a formal timetable for submittal of oral or written comments. At any time prior to the close of that to-be-defined comment period, anyone may seek information or submit comments by contacting the Planning Manager at the address shown above. Ultimately, the public will also have an opportunity to offer comment in the public hearing before the Board of Supervisors.

5. Anticipated Timetable

To be announced in the Notice of Proposed Rulemaking.